

ABSTRACT

5 The invention relates to the field of high  
temperature composites made by the chemical vapor  
infiltration and deposition of a binding matrix within a  
porous structure. More particularly, the invention  
relates to pressure gradient processes for forcing  
10 infiltration of a reactant gas into a porous structure,  
apparatus for carrying out those processes, and the  
resulting products. The invention is particularly  
suited for the simultaneous CVI/CVD processing of large  
quantities (hundreds) of aircraft brake disks.